Amendments to Drawings:

The attached sheet of drawings includes changes to Figure 11. This sheet of Figure 11, replaces the original sheet. In Figure 11, the legend "PRIOR ART" has been added.

Attachments: Annotated Sheet Showing Changes Replacement Sheet

REMARKS

Amendments

Specification

The specification has been amended to correct an obvious typographical error and to comport the specification with the drawings as originally filed.

An obvious typographical error was identified at page 5, line 27; this error now has been corrected. Applicants respectfully submit that this amendment adds no new matter to the application, and earnestly solicits entry thereof.

At page 9, line 4, the specification describes a layer as Sn, whereas Fig. 5 as originally filed identifies the layer in question as SnAl. Fig. 5 is correct, and the specification has been corrected. The amendment is supported by Fig. 5 as originally filed. Applicants respectfully submit that this amendment adds no new matter to the application, and earnestly solicits entry thereof.

Similarly, page 10, line 7 of the specification describes a layer as Sn, whereas Fig. 7 as originally filed identifies the layer in question as SnAl. Fig. 7 is correct, and the specification has been corrected. The amendment is supported by Fig. 7 as originally filed. Applicants respectfully submit that this amendment adds no new matter to the application, and earnestly solicits entry thereof.

Drawing

Fig. 11 depicts the prior art, as described in the specification. However, the Figure was not identified as prior art. Therefore, the drawing figure has been amended to include the proper legend as "prior art."

The amendment is supported by the specification as filed. Therefore, Applicants respectfully submit that the amendment adds no new matter to the application and earnestly solicits entry thereof.

Claims

Claims 3, 5, and 6 have been cancelled. These cancellations add no new matter to the specification.

Remarks

The Amendments

The amendments put the application in condition for allowance. The specification was amended to correct an obvious typographical error and to correct, at two places in the specification, the identification of a layer that was correctly identified in the drawing figures as filed. Claims 3, 5, and 6 were cancelled. Drawing Figure 11 was amended, and a replacement sheet forwarded with this paper, to correctly identify the figure as depicting the prior art.

The Office Action

Figure 11 was objected to because it was not labeled as 'prior art,' even though that which is old is illustrated therein.

The disclosure was objected to in view of an obvious typographical error and two other informalities.

Claims 1, 2, and 4 were allowed; claims 3, 5, and 6 were rejected.

<u>Remarks</u>

Drawing figure 11 has been amended to clearly indicate that the subject matter therein is 'Prior art' by the placement of that legend on the figure.

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The specification has been amended to correct an obvious typographical error and two formalities regarding the composition of a layer of the claimed device. The layer now is correctly identified in the specification as having the same composition as indicated on the corresponding drawing figure.

Claims 3, 5, and 6 have been cancelled, leaving only claims 1, 2, and 4 pending. Claims 1, 2, and 4 have been allowed.

Therefore, Applicants respectfully submit that the application is in condition for allowance, and Applicants earnestly solicit favorable action thereon.

Respectfully submitted,

Date: August 15, 2005

By:

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WJF/bao

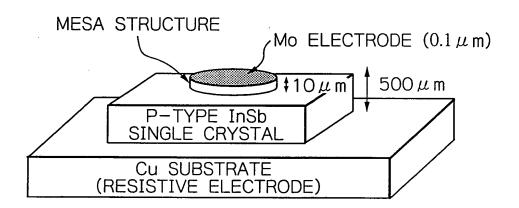
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U.S. Serial No.: 10/764,574 Atty. Dkt. No.: 1458.00042
Inventor: Masaki Katagiri, et al.

Title: SOLID-STATE RADIATION DETECTOR USING A SINGLE CRYSTAL OF COMPOUND SEMICONDUCTOR InSb
Annotated Sheet



Fig. 11



PRIOR ART